



MOBILE EXPERTS

2024 WIRELESS RESEARCH



Topics	Primary Content	Coverage	Updates
MEXP-TRX-24-SUB Macro Base Station Transceivers Market Study 2/24	2023-2029 Base Station, RRH, and Transceiver shipment forecasts--now Including new bands Breakdown by air interface, band, power level, region, MIMO configuration, CA type Including OEM market share by shipments	High power base stations below 20 GHz Global	Quarterly
MEXP-RAN-24-SUB RAN Revenue and Market Share Forecast Release 3/24	2023-2029 RAN CAPEX and Revenue Forecast Quarterly spending and market share tracking	Global RAN market Comparing CAPEX for operators with OEM RAN Revenue	Quarterly
MEXP-RRHSEMI-24-SUB Semiconductors for RRH Market Study 8/24	2023-2029 shipments, revenue, and pricing forecasts and market shares for key radio components	Semiconductors in macro radio heads Global	Quarterly
MEXP-BBSEMI-24 Semiconductors for BBU/DU/CU Market Study 5/24	2023-2029 shipments, revenue, and pricing forecasts for baseband processor ICs in RAN	Semiconductors in macro radio heads Global	Annual
MEXP-SMALLCELLS-24-SUB Small Cells Market Study 5/24	2023-2029 Small Cell and Low Power RRH shipments, revenue, market share Forecast breakdowns by region, by technology, by user, with over 80 charts	Low power base stations below 20 GHz Global	Quarterly
MEXP-5GMMWAVE-24-SUB 5G Millimeter Wave Market Study 4/24	2023-2029 RRH shipments, broken out by high power and low power RRH 2023-2029 terminal shipments, broken out by FWA CPEs, mobile hotspot, and handset	All infrastructure and user devices above 20 GHz Global	Quarterly
MEXP-ORAN-24 Open RAN Deployment Market Study 10/24	2023-2029 forecast for Open RAN deployment	Global RU forecast broken down by ORAN compatibility and by actual procurement of separate RU	
MEXP-VIRT-24 Virtual RAN forecast Forecast release 4/24	2023-2029 forecast for virtualization in mobile networks, including adoption and revenue for vRAN and virtual core networks	RAN and core network software Global	
MEXP-AI-RAN-24 AI In the RAN Report release 6/24	Predictions for use of AI in RAN optimization; software sales revenue and impact on capacity shown	Global forecast for all areas of RAN	

Private Cellular

This research illustrates the trends in mobile networks and services devoted to Enterprises.

Deliverables	Analysis	Strategic Analysis
MEXP-ENTPRIVATE-24 Enterprise Private Cellular Market Study 3/24	2023-2029 forecast for Private LTE and Private 5G network investments for broadband access in 'carpeted' enterprises	Key business case scenarios to illustrate the trends and barriers for this market to open up
MEXP-INDPRIVATE-24 Industrial Private Cellular Market Analysis 7/24	2023-2029 analysis of Private 5G related to Industrial use cases	Insightful predictions related to automation and forecasted growth of LTE and 5G networks
MEXP-PRIVSRVC-24 Private Cellular Services Market Analysis 11/24	2023-2029 analysis of Private 5G related to Industrial use cases	Insightful predictions related to automation and forecasted growth of LTE and 5G networks

In-Building Wireless

This research tracks shipments and revenue of DAS, vRAN, boosters, small cells and all in-building systems, predicting changes in the business model and technology trends. Including a serious look at Public Safety.

Deliverables	Global Forecasting	Strategic Analysis
MEXP-IBW-24 In-Building Wireless Market Study 10/24	2023-2029 DAS, booster, small cell, DRS, and related revenue, shipment, market share with many different breakdowns	Insightful analysis on vRAN architectures and how neutral hosts can disrupt the DAS and small cell markets

Edge Computing

This research investigates investment in Edge Cloud platforms in public, private, and on-prem scenarios.

Deliverables	Global Forecasting	Strategic Analysis
MEXP-EDGE-24-SUB Edge Computing Market Study 7/24	2023-2029 data center and server forecasts, Including CPU/GPU core forecast and breakdowns by application and data center type Service revenue forecasts for connectivity and Edge Cloud services Includes our annual Market Study and a series of Edge INSIGHT articles	Insights into the MEC business model for enterprises, operators, hyperscalers, and neutral hosts. Cost Modeling and ROI analysis of Enterprise applications in various architectures

RF Front Ends for Mobile Devices

Comprehensive forecast of shipments, pricing, and revenue for RF components in mobile terminals.

Deliverables	Global Forecasting	Strategic Analysis
<p>MEXP-RFFE-24-SUB RF Front Ends for Mobile Devices</p> <p>Market Study 6/24</p>	<p>2023-2029 RFFE shipment, ASP, revenue forecast for PA, filter, switch, LNA, tuning, antennas, and all Front End Modules. Includes mm-wave component analysis and impact from NTN networks.</p> <p>Covers RF front ends in handsets, tablets, PCs, hotspots, and Cellular IoT devices.</p>	<p>Quarterly Expert INSIGHT covering strategic business issues related to mobile terminals</p> <p>Quarterly Forecast updates with subscription</p>

IoT

This research area examines the potential for cellular IoT devices across a wide variety of applications.

Deliverables	Global Forecasting	Strategic Analysis
<p>MEXP-CIOT-24 Cellular IoT Forecast</p> <p>Forecast release 12/24</p>	<p>2022-2034 Cellular IoT forecast</p>	<p>Status for all 3GPP based IoT devices with breakdowns by tech and by application</p>

Fixed Broadband Deployment

Deliverables	Global Forecasting	Strategic Analysis
<p>MEXP-FWA-24 Fixed Wireless Access</p> <p>FWA Market Study 9/24</p>	<p>2023-2029 Access Point and CPE shipments Breakdown by wireless air interface, band, region, unlicensed/licensed, etc</p>	<p>Strategic view of Cable, DSL, Satellite, and other broadband access, focus on USA and Europe</p>
<p>MEXP-SAT-25 Satellite Broadband Access</p> <p>Market Study 1/25</p>	<p>2023-2029 Forecast for Satellite Broadband with CPE breakdown by satellite constellation, band, etc</p>	<p>Strategic view of Satellite Broadband and cost analysis compared with FWA and FTTH</p>